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By

J. Heschelwetter

Attorney Docket No. 016994-003122

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

H. DEBOER, ET AL.

Examiner: J. Chambers

Serial No.: 08/134,019

Art Unit: 1804

Filed: November 16, 1993

AMENDMENT

For: PRODUCTION OF RECOMBINANT
POLYPEPTIDES BY BOVINE
SPECIES AND TRANSGENIC
METHODS

Original
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Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action mailed May 2, 1995,
please amend this application as follows.

In the claims

Please cancel claims 73, 119-122, 124 and 127 without
prejudice to subsequent renewal.

Please amend the claims as follows without prejudice to
subsequent renewal of the original claims:

482. (Amended) [A] The method of claim 123, wherein the
transgene is [for expressing a human polypeptide in the milk of a
bovine comprising:

introducing] a human genomic fragment encoding [the] a
human polypeptide [into an embryonal target cell of a bovine
species;

transplanting the transgenic embryonal target cell
formed thereby or the embryo obtained therefrom into a recipient
female bovine parent; and

identifying at least one female offspring which is
capable of producing the recombinant polypeptide in the milk of
the offspring].